

International application No
PCT/EP2005/054499

According to International Patent Classification (IPC) or to both national classification and IPC

Minimum documentation searched (classification system followed by classification symbols)

H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 484 793 A (N.V. PHILIPS' GLOEILAMPENFABRIEKEN; PHILIPS ELECTRONICS N.V) 13 May 1992 (1992-05-13) cited in the application column 8; line 47 - column 10; line 28 figures 1,2	1-8,10, 11
Y	EP 1 320 244 A (GIRA GIERSTIEPEN GMBH. & CO. KG) 18 June 2003 (2003-06-18) paragraphs [0006], [0007], [0009], [0023] abstract	1-8,10, 11
X	US 6 216 339 B1 (RICH DANIEL) 17 April 2001 (2001-04-17) abstract	9
Y		7,8

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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

12 May 2006

Date of mailing of the international search report

22/05/2006

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INTERNATIONAL SEARCH REPORT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 2003/059025 A1 (MEYERSON ROBERT F ET AL) 27 March 2003 (2003-03-27) figure 3 paragraph [0012] paragraph [0076] - paragraph [0078] -----</p>	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2005/054499

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0484793	A	13-05-1992	DE 69119701 D1	27-06-1996
			DE 69119701 T2	02-01-1997
			JP 3219804 B2	15-10-2001
			JP 4275660 A	01-10-1992
			KR 221104 B1	15-09-1999
			NL 9002401 A	01-06-1992
			US 5239543 A	24-08-1993
EP 1320244	A	18-06-2003	DE 10160813 A1	26-06-2003
US 6216339	B1	17-04-2001	NONE	
US 2003059025	A1	27-03-2003	US 2003058858 A1	27-03-2003
			US 2003058805 A1	27-03-2003
			US 2003059020 A1	27-03-2003
			US 2003061622 A1	27-03-2003
			US 2003059005 A1	27-03-2003
			US 2003059021 A1	27-03-2003
			US 2003059022 A1	27-03-2003
			US 2003137959 A1	24-07-2003
			US 2003059003 A1	27-03-2003
			US 2003058844 A1	27-03-2003
			US 2004015574 A1	22-01-2004
			US 2004068648 A1	08-04-2004
			US 2004114577 A1	17-06-2004
			US 2004076157 A1	22-04-2004